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Appl. No. 10/758,793
Response Dated October 26, 2007
Reply to Office Action of August 29, 2007

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the above-identified application.

Listing of Claims:

1. (Currently Amended) A method of treating visual system disease or injury, comprising the steps of
 - a) exposing a component of a patient's visual system to light treatment, wherein the light treatment is characterized by wavelength between 630 – 1000 nm and power intensity between 10 – 90 mW/cm² for a time of 1 – 3 minutes, and
 - b) observing restoration or protection of visual function, wherein the number of metabolically active neurons has increased.
2. (Original) The method of claim 1 wherein the wavelength is selected from the group consisting of 670 nm, 830 nm and 880 nm.
3. (Original) The method of claim 1 wherein the wavelength is between 670 – 900 nm.
4. (Original) The method of claim 1 wherein the light treatment is characterized by an energy density of between .5 – 20 J/cm².
5. (Original) The method of claim 4 when the energy density is between 2 – 10 J/cm².
6. (Original) The method of claim 1 wherein the patient is exposed to light treatment multiple times.
7. (Original) The method of claim 6 wherein the exposure is at least 3 times.
8. (Original) The method of claim 1 wherein the patient is exposed to light treatment intervals of 24 hours.

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9. (Original) The method of claim 1 wherein the treatments are administered 2 – 3 times per day.

10. (Original) The method of claim 1 wherein the component of the visual system comprises the patient's retina.

11. (Original) The method of claim 1 wherein the component of the visual system is selected from the group consisting of cornea and optic nerve.

12. (Original) The method of claim 1 herein the retinal function is evaluated.

13. (Original) The method of claim 1 wherein the light is supplied by an LED device.

14. (Original) The method of claim 1 wherein the power intensity is between 25 – 50 mW/ cm².

15. (New) A method of treating visual system disease or injury, comprising the steps of

a) exposing a component of a patient's visual system to light treatment, wherein the light treatment is characterized by wavelength between 630 – 1000 nm and power intensity between 10 – 90 mW/cm² for a time of 1 – 3 minutes, and

b) observing restoration or protection of visual function, wherein the exposure is in the absence of a photosensitizer.

16. (New) A method of treating visual system disease or injury, comprising the steps of

a) exposing a component of a patient's visual system to light treatment, wherein the light treatment is characterized by wavelength between 630 – 1000 nm and power intensity between 10 – 90 mW/cm² for a time of 1 – 3 minutes, and

b) observing restoration or protection of visual function, wherein rod and cone ERG amplitude has increased relative to tissue that hasn't been exposed to the light treatment.